

THE BEND BULLETIN

"For every man a square deal, no less and no more."

CHARLES D. ROWE, EDITOR

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FRIDAY, SEPTEMBER 27, 1907.

Writes Up Central Oregon.

Leigh D. Bruckart, city editor of the Seattle News, who visited Bend two weeks ago, gave Central Oregon and the Bend country a fine write-up in his paper on his return to Seattle. Mr. Bruckart readily saw the possibilities of this vast inland empire and his article, while doing justice to the resources of the country, is conservative. A short extract from the article will give an idea of its whole tenor. Speaking of Bend, Mr. Bruckart said:

"Then in the country to the south and west of Bend, in Crook county, is a great forest of yellow pine that is only waiting for transportation and men to cut it. Bend will be the point where this timber is cut as it is the natural mill point. Bend has a mighty water power more than equal to Spokane Falls or the great water power at Minneapolis. It will have its flour mills, paper mills and woolen mills in time, as well as its lumber mills. "And in addition to this tonnage will be that developed on the irrigated lands under the Deschutes ditch. Hay, clover, alfalfa and timothy yield per acre to an extent that I do not dare repeat the figures given me. All root crops will be enormous off this land and it will be a great potato and sugar beet country in a few years. The finest celery I ever ate came off this land. Then there is fruit, a factor not generally considered in that country, but the apples I saw are the equal of the best Yakima or Wenatchee products."

Thirty Days and \$300 Fine.

Issie Watkins and Dorothy Darrington, the two women of the underworld at Portland who were arrested for keeping the Francis girl, minor, in their disorderly houses, were each given 30 days in the county jail and a fine of \$300 by Judge Frazee of the juvenile court. They are now serving their sentence. Philip Francis writes that his daughter will have to spend the next two years in the detention home at Portland. Mrs. Rowlee, also involved in this affair, is in jail at Portland awaiting trial.

A STORY WITH A MORAL.

Trade at Home and Thus Help Everybody to Be Prosperous.

Mr. Brown, a Kansas gentleman, keeps a boarding house, it appears. Around the table on a recent occasion sat his wife, Mrs. Brown; the village milliner, Mrs. Andrews; Mr. Black, the baker; Mr. Jordan, a carpenter; and Mr. Hadley, a flour, feed and lumber merchant. Mr. Brown took a ten dollar bill out of his pocket and handed it to Mrs. Brown with the remark that there was ten dollars toward the twenty he had promised her. Mrs. Brown then handed the bill to Mrs. Andrews, the milliner, saying: "That pays for my new bonnet." Mrs. Andrews, in turn, passed it on to Mr. Jordan, remarking that it would pay for the carpenter work he had done for her. Mr. Jordan handed it to Mr. Hadley, requesting his receipted bill for flour, feed and lumber. Mr. Hadley gave the bill back to Mr. Brown saying: "That pays ten dollars on my board." Mr. Brown again passed it to Mrs. Brown remarking that he now had paid her the twenty dollars he had promised her. She, in turn, paid it to Mr. Black to settle her bread and pastry account. Mr. Black handed it to Mr. Hadley, asking credit for the amount on his flour bill. Mr. Hadley again returned it to Mr. Brown saying that it settled for that month's board, whereupon Brown put it back into his pocket, observing that he had not supposed that a greenback would go so far. But suppose that Mrs. Brown had sent to a mail order house for her new bonnet, and then the ten dollars would have gone out of the town and never returned.

MORAL.—Spend your money with dealers in your own town. You get the benefit and the town will grow.

New Settler Coming.

F. W. Simmons of Colliston, Osh, is visiting his brother, Geo. L. Simmons, on the latter's ranch

The Bulletin's Scoop.

Two weeks ago The Bulletin reported the arrest and capture of two young horse thieves at Sisters. It gave the whole story in detail when it was fresh and when people wanted it. A week later the other papers of the county came out with the story, being just a week late in reporting the affair. And it was the biggest piece of news of the week. The Bulletin claims a "scoop," and a big "scoop" at that. Which only emphasizes the fact that if you want the news when it is fresh—and not a week old—and if you want it correctly reported, you should be a reader of The Bulletin. That's all.

north of Bend. The two men left yesterday on a hunting trip into Lake county. As soon as they return Mr. Simmons will move his family here from Colliston. He has bought an 80 adjoining his brother's ranch and will make his home there. This season Geo. L. has farmed this tract. On it he has a crop of wheat that stands to a man's shoulders which was seeded as late as June 15.

Tumalo Items.

TEMALO, Sept. 21.—The weather is surely fine these days.

Sterile Fryer of Sisters vicinity was in Tumalo Sunday.

Frank Arnold and wife of Gist passed through here today going to Bend.

John Edwards went to Bend yesterday on business.

Mr. Kever and wife passed through here today returning to Bend from the Valley.

Carlyle Triplett and wife and Mr. Linster and family stayed over night in Tumalo last night, returning from Eugene.

Mr. Homer is cutting some fine oats for C. Spaight and I. E. Wimer. Parties seeing them say they are fine.

El. White's hall is at work at Mr. Hasselberg's bailing his crop.

The threshing machine is working in the Sisters country this week.

Dan Smith and wife pooned here today returning from the Valley.

T. A. Jensen has his phone installed and now his home is connected with the Farmers and Merchants Telephone Line.

I. E. Wimer and family are expected home from the Valley, where they went about six weeks ago after fruit and to visit relatives.

Redmond Items.

REDMOND, Sept. 23.— Mr. and Mrs. Kenyon and Mrs. Noland have been out for timber claims, some or all of them securing claims.

We are sorry to learn that it has been considered necessary to take Mr. Davidson to Prineville for medical treatment on account of his rheumatism.

Dr. Turley brought down news that a daughter was born to Mr. and Mrs. C. W. Mums at Bend on Friday. Mother and child are both doing well.

The family of Geo. H. Duren, who has been here for some time, have lately arrived from Tillamook county.

School begins this morning, but the teacher's name we did not learn.

Walter Gillespie has gone to North Dakota to look after his and B. A. Kendall's crops and reports that they are better than the average.

Frank McCaffery's brother and wife are here visiting, and will probably locate in this country.

Miss Fitzmaurice left here yesterday for her home in Corvallis after quite an extended visit with her sister, Mrs. C. M. Redfield. E. C. PARK.

Powell Buttes Notes.

Perry Iams has returned from Portland. During his absence he was married and brought his wife home with him.

Art Morrill has been trading horses and has his team better matched now.

Many of the Powell Buttes ranchers have gone to the ditch camp to work. About 20 teams and 40 men are now engaged at the camp.

M. B. Johnson died Tuesday at 3 o'clock, aged 85 years and 10 months. Mr. Johnson has suffered a long time. Interment at Powell Buttes cemetery.

Charles Niswonger of Walla Walla is here visiting his relatives.

Mrs. Perry Iams is quite sick. She was unable to attend the funeral of her father, M. B. Johnson.

Nat. and Charles Turner are logging on the Deschutes. They were home Thursday to attend the funeral of their father, M. B. Johnson.

G. R. Reynolds's house is nearly ready to move. Mr. Reynolds is building a good house about 4x30x16. Bert Cortard is doing the carpenter work.

Problems That Confront The Irrigator.

Pointers for Fruit Growers.

After a careful study of the actual practice of fruit growers throughout the whole area of the Pacific states, E. J. Wickson, professor of agricultural practice, university of California, and horticulturist of the California agricultural experiment station, makes the following deductions regarding treatment of the soil as applied to orchards and general fruit growing:

Clean summer tillage is almost a universal practice in the fruit regions of the Pacific coast. It appears that a few growers in regions of heaviest rainfall approve the growth of cover crops, like clover, after the trees reach bearing age, and also that others employ scant summer cultivation, or cultivation for a short period only. The idea of these growers is that such practices relieve the soil of excessive moisture, either by the growth of the cover crop or by facilitating surface evaporation, and so prevent the tree from being stimulated to too large wood growth, or maintaining growth so late in the season as to enter the frost period in too active a condition and with new wood not properly matured. Quite in contrast with this is the practice, which is gaining ground in the hottest parts of the irrigated region, of growing alfalfa as a cover crop for the purpose of sliding the soil and thus reducing soil temperature and, perhaps, of avoiding the ill effects of the reflection of burning sun heat from a smooth surface of light-colored soil, or the ill effect of "burning out of humus" by clean summer culture. In such cases more irrigation is needed to supply enough water for the growth of both trees and cover crop. But at present these exceptions are of rare occurrence.

The adoption of a policy of clean cultivation in the dry season is not conditioned upon the amount of moisture available either by rainfall or irrigation. It is pursued both where irrigation is practiced and where it is not, and also where the rainfall is greatest and where it is least. It prevails in the humid region where rainfall may rise to 60 inches or more and in the arid region where it may not exceed one-tenth as much. As a matter of fact there does not appear to be a good fruit soil so deep and retentive that it can retain enough even of a very heavy rainfall to effect good tree growth and fruit bearing if it is forced to sustain the loss by evaporation from a compact surface during the long dry season following. There may be, it is true, soils weak in capillarity, in which water can not rise from a great depth and in which deep-rooting plants may find ample water in the subsoil, providing it is held there by impervious underlying strata. There are many more instances where loss by natural drainage is added to loss by evaporation. But, disregarding exceptions, the loss of moisture by both drainage and evaporation during the dry season is so great that the soil to a depth of several feet loses practically all the water which is available for plant growth, and the trees fail or become unprofitable. Loss by drainage can not, practically, be prevented, but loss by evaporation can be so reduced that trees and vines will be adequately supplied in spite of the loss by drainage. Because, therefore, the soil can not retain enough water in its natural state, no matter how much it may receive, clean summer cultivation, involving quite complete and more or less frequent stirring of the surface to the depth of four to six inches, is the almost universal practice, irrespective of local rainfall or of irrigation.

The prevailing motive, then, for cultivation in the dry-summer region is moisture retention. In this respect good surface tilth is so effective that, though enough moisture can not be retained without it, so much can be retained with it that, even where irrigation or rainfall is moderate in amount, it may serve all the purposes of the tree or vine. Thus cultivation enters into the fruit-grower's practice in the region under consideration, not to make large rainfall effective, as it does in some parts of the region, but to make moderate rainfall effective, or to make small irrigation effective, by increasing the duty of

water, which is applied. It becomes not only a ruling consideration in the effectiveness of a certain amount of rainfall, as has already been suggested in another connection, but it also determines the success of irrigation and the amount of water required; for, although it was an early and rude practice to rely upon irrigation to support uncultivated fruit trees and to irrigate more and more frequently as the ground became harder from its use, this policy has now no standing in commercial fruit growing. Not only was it wasteful of water, but it was otherwise detrimental to the thrift of trees.

Thorough cultivation, both in winter and summer, has other very important ends in view. It opens the soil and promotes aeration; it encourages deeper rooting and thus encourages the tree to take possession of a greater soil mass both for moisture and other plant food. It is part of a very valuable policy of increasing humus by plowing under the natural growth of weeds or specially sown legumes. This increases the amount of organic matter in the soil, adds new plant food, promotes the friability of heavy soils and the retentiveness of light soils, and is otherwise valuable. Green manuring in some parts of the region is done by plowing in winter growths in the spring. In the localities where summer growth of alfalfa as a soil cover is advocated as a substitute for cultivation, cutting the crop without removing it, but allowing it to disintegrate in place, is held by some growers to be additional protection to the soil surface and some addition to its supply of plant food.

Strawberry Plants.

Clark Seedling, the famous Hood River strawberry, \$1.00 per 100; \$3.75 per 500; \$5.00 per 1000. 25-28 L. D. WHEAT, Bend, Or.

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1:55	Hinks	11:15
2:15	Washburn	11:00
2:30	Randyke	10:45
2:45	Summit	10:30
2:55	Hay Canyon Junction	10:20
3:10	McDonnell	10:10
3:25	DeStos	10:00
3:40	Moro	9:55
3:55	Brakerville	9:50
4:10	Grass Valley	9:40
4:25	Howerton	9:35
4:40	Keel	9:30
4:55	Whose	9:25
5:10	SHANKO	9:20

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 Will enjoy reading The Bend Bulletin. It will PLEASE, ENTERTAIN and INSTRUCT you. Subscribe now. It Gives the News All of It.

Prineville Fair Postponed!

The CENTRAL OREGON LIVE STOCK AND AGRICULTURAL ASSOCIATION has postponed the dates of its fair to be held at Prineville, from Oct. 15-16-17-18-19, '07 to

Oct. 24-25-26-28-29, '07

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